Sept. Missing

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone National Park, Wyoming 83020
October 3, 1964

REPLY REFER TO:
A2823

Summary of September 1964 Monthly Narrative Report

		Page
GENERAL		
Weather	Generally cool and clear; heavy winds Temperatures from 86 degrees to 10 degrees Beartooth Highway closed Sept. 20-21	1
Travel	181,674 visitors; 4% inc. over Sept. 1963	1
Range	2 range study exclosures chosen	1
Visitors.	Interior Sol. Frank J. Barry, Chief Park Police Murdock, Reg. Sol. Palmer King, Lt. Col. John Guice in Sept. 13-17 Miss Judy Welles, obtaining info for publication John D. Rockefeller, Jr.; Senator McGee	1-2
Foreign Visitors	Messrs. A. P. Achieng, Secy.Ministry of Natural Resources and Justus Oluoch, Secy. for Information, Kenya, Sept. 11 Group of African visitors sponsored by MSC in 9/14-16	2
Special Activities	Ch.Pk.Naturalist Harry accom. John D. Rockefeller III and party, Sept. 3 Staffing Study Committee departed Sept. 4 Personnel Officer and Adm. Officer to Missoula Sept. 8 on Wage Board Dr. Eric Cheney on research project, Sept. 11 Dr. Vincent J. Schaefer visited Sept. 12-13. Contract renewed for 3 yrs. Scientists at O.F. Jan. 4 to Feb. 2 Assoc. Supt. Castellum in Waso Sept. 13, assist with Job Corps Programs Supt. McLaughlin in Wash Sept. 14, various matters Ch.Nat.Good in Waso with Div. of Nat.Park System Studies; Personnel Officer to Cheyenne 9/16 Dr. Hans Adler, U.S.Atomic Energy Comm. in 9/21 Photo.Osborn,Natl.Geo.Soc. at O.F. 9/21 Mr. Sorenson, Wyo.Emp.Serv.in 9/23 Mr. Robert G. Munson,USGS,Denver, installed seismic equip. in Park	1-3

		Page
	BPR moved crew to Lake area Canyon and Madison Mess halls closed 9/6 and 9/18	
	Superintendent's Staff Meetings Sept. 10 and 24	3
ADMINISTRATION		
Personnel	M.M.Meagher on leave to attend U. of Calif.	
	Engrs. survey for Job Corps camp	4
Deaths.	Mrs. John Wanson, in car, 9/3. A Visitor. Mrs. Dorothy M. Rausch, collision 9/8 A Visitor. Mr. Swanson, collision, same as above, 9/8. A Visitor. Mr. Peterson, on highway, 9/13. A Visitor.	4
Engagement	Miss Iris Graves and Robert L. Warren, Ranger(Gen)	4
Wedding	Rev. John A. Lee and Mary Ann Miller, Sept. 12	4
Miscellaneous	Farewell Coffee Mrs. Thomas Aldridge, Sept. 23 Lions Club organizational meeting 9/29 Miss Patricia Hackett, seasonal Pk.Nat.at O.F. appear on TV show TO TELL THE TRUTH	4-5
CONSERVATION, INTERPRETATION AND USE		
Interpretive Services	Terrace walks at Mammoth term. 9/7; Interpretive program at Mammoth curtailed 9/8; O.F.Visitor Center open during month; evening programs moved inside 9/16	
	Norris Museum open through 15th; remainder of mo. as personnel available; Services in South District terminated 9/30	5
Interpretive Planning	Field planning for preparation of self-guiding trail booklet at Mud Volcano	5
Museum	Artifacts donated to Mammoth Museum	5
History	National Historic Landmark certificate for Traveler's Rest, Montana; Paintings of Mr. and Mrs. P. W. Norris; Grandson of Henry D. Washburn interviewed 9/11 - will donate medical kit, etc. Road-log of historic sites prepared	6

YELLOWSTONE NATIONAL PARK
WYOMING 82020

		Page
Research & Observation	Activity at Mammoth Hot Springs OLD FAITHFUL GEYSER intervals averaging 66.6 minutes for month	
	THERMAL CHANGES AT NORRIS - listed	
	STEAMBOAT GEYSER 4 major eruptions during month	6-7
CONCESSIONERS	NPS-CONCESSIONER meeting Sept. 4, at West Yell. Hamilton Stores, hosted Conces. Pers.Off.meeting in West Yell. 9/28-29, Supt. & Pers. Officer attended Inspec.conces.facilities at closing by Rangers	
	Closing dates for Sept. listed for Hams, YPCo., YPSS, Medical Service NPS closed Norris Museum and Madison Jct. Visitor Centers; Post Office Award	7-8
Complaints	Lack of service or facilities	8
Sanitation	7 food inspections by Park sanitarian	8
Health	64 water samples collected for analysis	8
Ranger Activities	24-hour cone watch at O. F. Geyser Cabins rationed for winter	8
Safety	8 on-job injuries	9
Accidents & Public Safety	Single vehicle accident 9/13, driver injured, occupant killed Boat capsized in Yellowstone Lake, 9/4, all rescued; Boat sank in Lewis Lake, 9/8, all rescued 28 motor vehicle accidents reported 4 YPCo. employees rescued from Canyon Wall at Uncle Tom's trail, Sept. 14 Rangers aided in locating 6 lost children	9
Roads & Trails	Final inspection on sections Beartooth Highway, 9/10, attend. by Park Engr. Rowe; Special operational agreement NPS-Mont.Hwy.Dept. for snow plowing, opening road in Spring, etc. US Forest Hwy Funds may be available 6.3 miles of hwy. in Beartooth	
	Resurfacing Beartooth with new paving machine Work continued on Trail Bridge at Grant Village Roads at Lamar Research Center completed	9-10

YELLOWSTONE NATIONAL PARK

		Page
Campgrounds	West and old section of Fishing Bridge Campground closed 9/1	10
BRC	Program closed for year 9/10 Analysis for 1964 season prepared	10
Fire Protection (Forest)	Smokejumpers on Teton National Forest 9/10 Gallatin National Forest 9/17 Burning index for Park averaged 40 Fire between Sept. 25 and 30 Heavy winds Sept. 25 uprooted trees in Trailer Park at Fishing Bridge and Bridge Bay campground	10-11
Insects & Tree Diseases	Danger trees marked for removal	11
Buildings & Utilities	Work completed on Tower Jct. Trailer Court Installation of water and sewer lines for Wash House at O. F.; trailer court at West Yellowstone; Pathological incinerator block work completed, electrical service installed by NPS; Building site to house radio equipment on Bunsen Peak	11
Soil Conservation	Snow pillow installed at O. F.	11
Wildlife		
Bear	Statistics and Incidents listed	11-12
Beaver	4 with bank house seen near Blacktail Bridge	12
Bison	Mont. State and Dept. of Agri. personnel in 9/8 on brucellosis control plans for this winter	12
Elk	Elk biological collection taken 9/9; Program similar to last year. Elk bugling throughout Park. Aberdeen Proving Ground, Maryland personnel in 9/17 interested in our elk problems and transplanting elk	12-13
Geese	Groups seen in Yell. River in Hayden Valley	13
Moose	Observed along Gallatin Road	13
Mountain Lion	Visitor reported seeing a Lion at Obsidian Cliff Sept. 1; Visitor reported seeing a Lion Sept. 3 at Ice Lake and took photographs. Will send pictures	13
Owl	Great grey owl seen in Canyon area, North Entrance, and Upper and Lower Blacktail	13
Sandhill Crane	Observed at Lamar Picnic area; feeding Swan Lake	13

YELLOWSTONE NATIONAL PARK
WYOMING 83020

Digitized by the Internet Archive
in 2013

http://archive.org/details/superintendentso00uns_czr

		Page
Swan	Annual census taken 9/15 - 61 adult swans and 8 cygnets	13
Fish	Lake data survey of North and South Twin Lakes bu Philip Sharpe, Sport Fisheries, long-term fisheries resource study of Park waters	13
FISHING REGULATIONS	To close Yellowstone River between Alum Creek and Sulphur Cauldron, published in Federal Register 9/10. Effective October 10	13
PUBLIC AFFAIRS		
Publicity	Yellowstone News issued each Thursday	
	One press release: facilities available in Park	14
Religious & Chapel Use	Seventh Day Adventists serv. term. 9/5; Catholic & Latter-Day Sts. serv. term. 9/6; Protestant serv. term. all locations exc. Mammoth 9/6. Protestant serv. held throughout month at Mammoth	
	Wedding in Chapel Sept. 12. Rev. John A. Lee and Mary Ann Miller	14
Public Relations	Asst. Supt. Martinek talked at Powell Chamber of Commerce, Sept. 8	
	Supt. McLaughlin attended Motel Assoc. meeting, Pocatello, Idaho, Sept. 24	14
Contracts	Listed	14
Design & Construction	Listed	15-18

YELLOWSTONE NATIONAL PARK
WYOMING

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone National Park, Wyoming 83020

REPLY REFER TO:

October 5, 1964

A2823

Memorandum

To: Director

From: Superintendent, Yellowstone

Subject: Monthly Narrative Report for September 1964

General

Weather Conditions. The weather during September was generally cool, clear, and dry. The temperatures ranged from a high of 86 degrees at the North Entrance on September 17 to a low of 10 degrees at Tower Fall on September 27. Precipitation occurred on three occasions, and heavy and gusty winds were common throughout the month.

The Beartooth Highway was closed by a snowstorm the night of September 20-21, from 6:35 p.m. to 8:00 a.m.

Heavy winds assaulted the entire Park on September 25. One power line fire occurred in the Bridge Bay Campground from this wind. Power and telephone communications were restored on a temporary basis by the end of September. Thousands of trees were uprooted and broken throughout the Park.

Increase or Decrease in Travel. Visitors entering Yellowstone National Park during September totaled 181,674, an increase of four per cent from September 1963.

Range. Locations for two small range study exclosures to be constructed in Hayden Valley this fall have been determined.

Visitors. Interior Solicitor Frank J. Barry, Chief of Park Police Nelson Murdock, Washington, D. C., and Regional Solicitor Palmer King and Lt. Col. John Guice, Arizona National Guard, and brother-in-law to Secretary Udall visited the Park September 13-17. Chief Park Ranger Howe escorted this party on an inspection of the Hellroaring area.

Miss Judy Wells arrived September 11 from Grand Teton National Park and was escorted around the Park along with Messrs. Achieng and Oluoch. One of the purposes of Miss Wells' visit was to obtain information to assist in preparation of a Department of the Interior publication on natural resources of the State of Wyoming.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone National Park, Wyoming 82190

October 3, 1963

REPLY REFER TO:

[illegible]

Memorandum

To: Director

From: Superintendent, Yellowstone

Subject: Monthly Narrative Report for September 1963

General

Weather Conditions. The weather during September was generally cool, clear, and dry. The temperatures ranged from a high of 60 degrees at the North Entrance on September 17 to a low of 10 degrees at Lower Fall on September 27. Precipitation occurred on three occasions, and heavy and gusty winds were common throughout the month.

The Heartbeath Highway was closed by a [illegible] the night of September 20-21, from 6:31 p.m. to 6:00 a.m.

Heavy winds associated the entire Park on September 13. One power line fire occurred in the Bridge Bay Campground from this view. Power and telephone communications were restored on a temporary basis by the end of September. Thousands of trees were uprooted and broken throughout the Park.

Increase of Decrease in Travel. Visitors existing Yellowstone National Park during September totaled 101,[illegible], an increase of four per cent from September 1963.

Range. Locations for two small range study enclosures [illegible] in Dryden Valley this fall were [illegible].

Visitors. Interior Solicitor Frank J. Barry, Chief of Park Policy, Nelson Murdock, Washington, D. C., and Regional Solicitor [illegible] and Lt. Col. John Quice, Arizona National Guard, was [illegible] to Secretary Udall visited the Park September 13-17. Chief Park Ranger [illegible] escorted this party on an inspection of the Relocation Area.

Miss Judy Wells arrived September 11 from Grand Teton National Park and was escorted around the Park along with Hearts, Nehring and Mosher. One of the purposes of Miss Wells' visit was to obtain information to [illegible] in preparation of a Department of the Interior [illegible] resources of the State of Wyoming.

Mr. John D. Rockefeller, Jr. and Party bus-toured through Yellowstone September 1, from Grand Teton National Park.

Senator McGee and party were at Lake September 13.

Foreign Visitors. Mr. A. P. Achieng, permanent Secretary, Ministry of Natural Resources, Kenya, and Mr. Justus Oluoch, permanent Secretary for Information, visited the Park September 11 arriving via Grand Teton National Park. Mr. Achieng's department of Ministry of National Resources is responsible for the protection and preservation of national parks in Kenya, Africa.

Members of the Ranger Services cooperated with Montana State College, Bozeman, Montana in providing a group of African visitors with a tour of Yellowstone on September 14-16. Ayemou Desire Assa of the Ivory Coast, Bola Bablola of Nigeria, Loweska Kapijimpanga of Northern Rhodesia, Emanuel Kigaye of Uganda, and Paul Ngumi of Kenya met with Rangers and Park Biologists to observe game management practices, study range management practices and conservation.

Special Activities. Assistant Chief Park Naturalist Harry accompanied Messrs. John D. Rockefeller III and Richard Dilworth and their families, and a Mr. Townsend, all of New York City, on a tour of the Park on September 3.

The Staffing Study Committee departed the Park September 4. It is understood the Committee was impressed with presentations made by the Park's department heads. The Committee's report will not be released for two or three months. The substance of the report is not known but recommendations may mean considerable reorientation in management of the organization with no reduction in force. After the report is released the Park will have the opportunity to comment on it.

Personnel Officer, Richard C. Miller and Administrative Officer, E. R. I. Anderson, were in Missoula, Montana September 8 to attend and participate in the planning session of the Inter-Agency Wage Board Committee. Participating organizations included the Bureau of Indian Affairs; Bureau of Reclamation; Consolidated Services of Portland; Fish and Wildlife Service; Glacier, Grand Teton and Yellowstone National Parks; Department of the Army and the U. S. Forest Service, the host agency.

Dr. Eric Cheney of the University of Washington arrived September 11 and spent two days on research to continue a study of determining the chemical and isotopic composition of sulphur bearing gases and liquids on samples collected at various thermal features. This is a joint study with Dr. Roy Jensen of Yale University.

Dr. Vincent J. Schaefer, Director of Research, Atmospheric Sciences Research Center, State University of New York, Albany, visited here September 12 and 13. His contract has been renewed for another three-year period. This will be the sixth winter a small field research

Mr. John D. Rockefeller, Jr. and Party journeyed through Yellowstone September 1, from Grand Teton National Park.

Senator Malone and party were at Lake September 12.

Foreign Visitors. Mr. A. F. Ashley, permanent secretary, ministry of Natural Resources, Kenya, and Mr. Masai Olonko, personal secretary for Information, visited the Park September 11 arriving via Grand Teton National Park. Mr. Ashley's department of Ministry of Natural Resources is responsible for the protection and preservation of national parks in Kenya, Africa.

Members of the Ranger Services cooperated with Montana State College, Bozeman, Montana in providing a group of Africans visiting with a tour of Yellowstone on September 14-16. Young Omaire Alex of the Ivory Coast, Nola Fabiola of Nigeria, Lowell Kopijlopuga of Northern Rhodesia, Samuel Kigoye of Uganda, and Paul Kpam of Ghana met with Rangers and Park Biologists to observe game management practices, study trash management practices and conservation.

Special Activities. Assistant Chief Park Naturalist Harry Kennedy, Messrs. John D. Rockefeller III and Graham Stimmerth and their families, and a Mr. Tomasson, all of New York City, on a tour of the Park on September 3.

The Starling Study Committee departed the Park September 4. It is understood the Committee was impressed with presentations made by the Park's department heads. The Committee's report will not be released for one or three months. The importance of the report is not known but recommendations may mean considerable rearrangement in management of the organization with no reduction in force. After the report is released the Park will have the opportunity to comment on it.

Personnel Visitors. Richard C. Miller and Administrative Officer, S. A. I. Andersen, were in Wyoming, Montana September 8 to attend and participate in the planning session of the Inter-Agency Yaga Board Committee. Participating organizations included the Bureau of Indian Affairs; Bureau of Reclamation; Consolidated Services of Montana; Fish and Wildlife Service; Forest Service and Yellowstone National Park; Department of the Army and the U. S. Forest Service, the host agency.

Dr. Eric Cheney of the University of Washington arrived September 11 and spent two days on research to continue a study of determining the chemical and isotopic composition of volcanic emitting gases and living on samples collected at various thermal features. This is a joint study with Dr. Joy Dawson of Yale University.

Dr. Vincent J. Schaefer, Director of Research, Atmospheric Sciences Research Center, State University of New York, Albany, visited here September 11 and 12. His contract has been renewed for another three-year period. This will be the sixth winter a small Park research

expedition will return to Old Faithful Area. Plans are for 1o to 12 research scientists to participate. They will come and go on a weekly basis during the period January 4 through February 2. Dr. Schaefer extended an invitation to Director Hartzog and Regional Director Garrison to join the party sometime during the period.

Associate Superintendent Luis A. Gastellum left September 13 for temporary detail in Washington to assist on Job Corps programs.

Superintendent John S. McLaughlin was in the Washington Office during the week of September 14 discussing concessions and other matters.

Chief Naturalist John M. Good departed Yellowstone for the Washington Office September 14 for three months detail with the Division of National Park System Studies.

Personnel Officer Richard C. Miller accompanied representatives of Yellowstone Park Company and Hamilton Stores, Inc. to Cheyenne, Wyoming on September 16, 17, and 18 to resolve certain labor relations problems with the State Commissioner of Labor.

Dr. Hans Adler, United States Atomic Energy Commission, Washington, D. C. spent September 21 in the Park on his study of the composition of the "cinders" at Cinder Pool.

National Geographic Society photographer Osborn, who is securing information for an article on horses and their use for the Society's publication, came to Old Faithful area on September 22 and took pictures of a ranger making patrols by horseback.

Mr. Chester P. Sorenson, Field Supervisor, Wyoming State Employment Service, visited the Park September 23, gathering labor market information.

Earthquake. Mr. Robert G. Munson, United States Geological Survey, Denver, arrived September 25 to improve the three seismic installations in the Park (Mammoth, Canyon and West Yellowstone), and to install an additional seismograph in the Northeast section of the Park. The three machines were installed about a year ago and records obtained since that time show an average of two small local earthquakes per day. The Branch of Crustal Studies will conduct a more extensive earthquake study in this area.

The Bureau of Public Roads moved a crew into Lake area for the possible relocation of the by-pass road.

Madison Mess Hall closed September 18 and the Canyon Mess closed September 4.

Superintendent's Staff Meetings were held September 10 and 24.

Expedition will return to Old Faithful Area. First pre-jet is to 17 research scientists as participants. They will come and go on a weekly basis during the period January 4 through February 5. Mr. Schaefer extended an invitation to Director Hartung and Regional Director Hartung to join the party sometime during the period.

Associate Superintendent John A. Chamblin left September 11 for Washington, detail in Washington to assist on Job Corps program.

Superintendent John A. Rainwaldin was in the Washington Office during the week of September 14 discussing concessions and other matters.

Chief Naturalist John M. Cross departed Yellowstone for the Washington Office September 14 for three months detail with the Division of National Park System Studies.

Personnel Officer Richard C. Miller accompanied representatives of Yellowstone Park Company and Hamilton Sparks, Inc. in Chicago, Spring on September 11, 17, and 18 to resolve certain labor relations problems with the State Commissioner of Labor.

Mr. Dean Miller, United States Atomic Energy Commission, Washington, D. C. spent September 21 in the Park on his study of the composition of the "cinders" or Cinder Pool.

National Geographic Society photographer Auborn, who is securing information for an article on horses and their use for the society's publication, came to Old Faithful area on September 22 and took pictures of a ranger making patrols by horseback.

Mr. Chester T. Lorenson, Field Supervisor, Wyoming State Employment Service, visited the Park September 22, collecting labor market information.

Earthquake. Mr. Robert M. Hansen, United States Geological Survey, Denver, arrived September 23 to improve the three seismic installations in the Park Thermopolis, Canyon and West Yellowstone, and to install an additional seismograph in the Northeast section of the Park. The three machines were installed about a year ago and records obtained since that time show an average of two small local earthquakes per day. The Branch of Crustal Studies will conduct a more extensive earthquake study in this area.

The Bureau of Public Roads moved a crew into Lake Area for the possible relocation of the by-pass road.

Madison Mass Hall closed September 11 and the Canyon Mess closed September 4.

Superintendent's Staff Meetings were held September 13 and 14.

Administration

Personnel. Miss Margaret Mary Meagher, Park Naturalist, GS-7, was granted permission to continue Bison Research studies at the University of California in preparation for her doctorate. She will be on leave without pay, effective September 21, until her return sometime in January.

In preparation for the possibility of a Job Corps camp for Yellowstone, the Engineering Office took topography of the potential area and have put out bids for a test water well. The well bids are to be opened on October 13. Also, approximately 50 JCPP's were prepared and sent to Region in anticipation of this program.

Deaths. Mrs. John Wanson, 62 years of age, of 4533 Broadale Road, Cleveland, Ohio, died suddenly as the result of an alleged heart attack about 9:00 a.m., September 3, while in the car her husband was driving between West Thumb and Lake.

Mrs. Dorothy Mae Rausch, 51, of 7346 Mercier Street, Kansas City, Missouri, Died September 8 on highway at Sylvan Pass, in a head on collision between two automobiles, of skull fracture-crushed chest-internal injuries. Burial was in Mt. Olivet Cemetery, Kansas City, Missouri. Mrs. Rausch's husband was seriously injured and hospitalized in the Livingston Memorial Hospital.

Leslie George Swanson, 41, of 2415 Pontiac Street, Denver, Colorado, died September 8, in the head on collision mentioned above. He sustained crushed chest-internal injuries, fractured right leg. Body was removed to Denver.

Stanley H. Peterson, 22 years of age, of 2006 Haggin Avenue, Anaconda, Montana, was instantly killed September 13, one-half mile west of Lamar Ranger Station as the driver, Richard H. Booth, of 1804 Hanburg Avenue, Anaconda attempted to miss a coyote crossing the road.

Engagement. Miss Iris Graves, Clerk-Typist in the Ranger Office, and Park Ranger (General) Robert L. Warren. A November wedding is planned.

Wedding. Mary Ann Miller and the Reverend John A. Lee were married in the Yellowstone Park Chapel, September 12 at 7:00 p.m. Personnel Officer Richard C. Miller and Mrs. Miller are parents of the bride. The Rev. John A. Lee, resident minister since 1962, has directed the Protestant program sponsored by the National Council of Churches through A Christian Ministry of the National Parks throughout Yellowstone National Park and Gardiner.

Miscellaneous. There was a Farewell Coffee honoring Mrs. Thomas Aldridge on September 23, at the home of Mrs. Jerry Hammond. Mr. and Mrs. Thomas Aldridge, managers of the Hamilton Stores, Inc., Mammoth Store, will resign effective October 1.

Adventures

Lexington. Miss Margaret Mary Vaughan, Park Superintendent, 1947, was granted permission to continue alone Amazonian studies at the University of Kentucky in preparation for her doctorate. She will be on leave without pay, effective September 21, until her return semester in January.

In preparation for the possibility of a job hunt over the Thanksgiving, the Employment Office took inventory of the potential arts and life jobs not only for a lost water well. The well hole was to be opened on October 13. Also, tentatively 24 John's been approached on Monday in anticipation of this program.

Dublin. Mrs. John Brown, 32 years of age, of 4113 Franklin road, Cleveland, Ohio, died suddenly as the result of an alleged heart attack about 8:30 a.m., September 5, while in the car her husband was driving between West Theed and Lake.

Mrs. Dorothy Ann Lunch, 31, of 7340 Meridian street, Lorain city, Tuesday, filed September 5 on Lighter Fire, in a head on collision between two automobiles, of skull fracture-crushed chest-internal injuries. Burial was in St. Olive Cemetery, Lorain City, Ohio. Mrs. Lunch's husband was seriously injured and hospitalized in the Livingston Memorial Hospital.

Leslie George Swanson, 41, of 1413 Pendleton street, Denver, Colorado, died September 5, in the head on collision accident there. He sustained crushed chest-internal injuries, fractured right leg. They are removed to Denver.

Stanley W. Paterson, 22 years of age, of 1820 Maple Avenue, Lorain, Ohio, Lorain, was instantly killed September 11, when his car went out of control danger section on the street, struck a tree. Kirk, of 1204 Lorain Avenue, Lorain, attempted to miss a couple crossing the road.

Management. Miss Lila Davis, Clerk-Typist in the Lorain office, has Park Ranger (General) Robert L. Parker. a Ranger working in Pleasant.

Lighting. Mary Ann Miller and the Reverend John J. Lee were married in the Fairmount Park Chapel, September 11 at 7:00 p.m. Reverend Father Richard C. Miller and Mrs. Miller are parents of the right. The Mr. John A. Lee, resident minister since 1967, has directed the ceremonies process sponsored by the National Council of Churches through a Christian Ministry of the National Park through Fairmount Park and Garfield.

Miscellaneous. There was a Forest Office Bowling Mrs. Thomas Lorain on September 23, at the home of Mr. Jerry Hammond. Mr. and Mrs. Donald Aldridge, managers of the Lorain Shoes, Inc., Commercial Square, will resign effective October 1.

The Gardiner-Yellowstone Lions Club held an organizational meeting September 29, and the following officers were elected:

President:	Arthur N. Minish
Treasurer) Secretary)	Howard P. Forsythe, Jr.
Tail Twister:	George J. Tracy

all employees of Yellowstone National Park. The Club will receive its Charter on October 31.

Miss Patricia Hackett, seasonal Park Naturalist at Old Faithful this summer, was honored by being chosen to appear on a nationwide television show, TO TELL THE TRUTH. Miss Hackett went to New York September 28 for rehearsal and taping of the show which will originate from New York on Monday, October 5, at 7:30 p.m. EST, on the CBS network. She will return to the Park October 1.

Conservation, Interpretation and Use

Interpretive Services. The half-hour Terrace Walks at Mammoth terminated for the season September 7, also the Evening Campfire Program.

As of September 8, the Mammoth interpretive program consisted of museum and information service from 8:00 a.m. to 12 noon, and 1:00 to 5:00 p.m. Museum attendance was good during the month.

The Old Faithful Visitor Centerwas kept open and the information desk manned every day during the month. A number of cone talks were delivered each day. On September 16, the evening programs at Old Faithful were moved inside the Visitor Center. The exhibit room cannot comfortably hold more than 50 persons.

Norris Museum was open daily until the 15th. The remainder of the month it was open only when personnel from the North District were available to attend the facility.

Interpretive services in the South District ended for the season with the closing of the Canyon Visitor Center on September 30.

Interpretive Planning. Necessary scouting and field planning was done by the South District Naturalist in the Mud Volcano area this month to allow for the preparation of a self-guiding trail booklet for the area this winter.

Museum. A number of artifacts have been received from Aubrey Haines, Jerry DeSanto, Wayne Replogle, Dr. J. D. Love, Helen Johnson and a "park visitor."

The Gardiner-Yellowstone Lions Club held an organizational meeting September 15, and the following officers were elected:

President: Arthur B. Shields
Treasurer) Robert A. Thornthe, Jr.
Secretary)
Tail Twister: George J. Tracy

All employees of Yellowstone National Park. The Club will receive its Charter on October 31.

Miss Patricia Hackett, seasonal Park Naturalist at Old Faithful this summer, was honored by being chosen to appear on a nationwide television show, TO TELL THE TRUTH. Miss Hackett went to New York September 19 for rehearsal and taping of the show which will originate from New York on Monday, October 3, at 7:30 p.m. EST, on the CBS network. She will return to the Park October 1.

Conservation, Interpretation and Use

Interpretive Services. The half-hour Terrace Walks at Mammoth terminated for the season September 7, also the Evening Campfire Program.

As of September 8, the Mammoth interpretive program consisted of museum and information service from 8:00 a.m. to 12 noon, and 1:00 to 3:30 p.m. Museum attendance was good during the month.

The Old Faithful Visitor Centerwas kept open and the information desk manned every day during the month. A number of nose talks were delivered each day. On September 14, the evening programs at Old Faithful were moved inside the Visitor Center. The exhibit room cannot conferably hold more than 50 persons.

Morris Museum was open daily until the 15th. The remainder of the month it was open only when personnel from the South District were available to attend the facility.

Interpretive services in the South District ended for the season with the closing of the Canyon Visitor Center on September 30.

Interpretive Planning. Necessary scouting and field planning was done by the South District Naturalist in the Mud Volcano area this month to allow for the preparation of a self-guiding trail booklet for the area this winter.

Museum. A number of artifacts have been received from Albert Bolenz, Jerry Bolenzo, Wayne Naplegia, Dr. J. D. Love, Helen Johnson and a "park visitor."

History. Mr. L. M. Hughes, Lolo, Montana was contacted concerning presentation of the Traveler's Rest National Historic Landmark certificate. Mr. Adams, of Idaho Falls, was given assistance by the Park Historian in gathering data for a story on stagecoach holdups.

Two oil paintings -- one of P. W. Norris and one of his wife -- property of Walter Norris, Pioneer, Ohio were borrowed for photographic copying in color and black and white.

Mr. R. H. Washburn of Phoenix, Arizona, a grandson of Henry D. Washburn of the 1870 Expedition, was interviewed by Park Historian Haines on September 11. He will donate the medical kit and pistol carried through the Park by his grandfather, as well as some personal papers.

A road-log of historic sites in the Park was prepared.

Research and Observation. The new activity at the base of MINERVA as well as that between Minerva and PALETTE continues.
BABY SPRING was very active and colorful all month.
NARROW GAUGE is almost dry.
NEW HIGHLAND is more active and there is a reactivation on the west edge in the area of the recently killed trees.

OLD FAITHFUL GEYSER erupted at intervals averaging 66.6 minutes during the month, thus reversing the trend to longer intervals during the summer.

THERMAL CHANGES AT NORRIS. A change was first noticed at Norris on the morning of September 25. Daily observations through September 28 and on September 30 indicated that the changes were widespread in the area--from Porcelain Basin north of the road to the area south of the Museum known as the Back Basin. The change was manifested in most cases by increased turbulence and murkiness in some springs and in a few geysers. Some hot springs gained in water level and some lost. Temperatures, in most features, remained as they were earlier in the summer while a few showed a marked increase or decrease.

Several examples from the Porcelain Basin and several from the Back Basin may illustrate the change. COLLOIDAL POOL and HURRICANE VENT are two well-known features in the Porcelain Basin. When observed on September 20 (and as reported through the summer), Colloidal Pool was boiling to about five feet. The water was cloudy blue in color. Hurricane Vent was a calm pool of gray water. On the morning of September 25, Colloidal Pool became still and dropped about eight inches. The boiling then resumed and the water was a murky gray color. Hurricane Vent had ebbed about two feet. Throughout the following three days, Colloidal Pool gained and lost (to a maximum drop of twenty inches) while Hurricane Vent remained low. In the Back Basin, the water of ECHINUS GEYSER changed from a cloudy green to a milky blue color between the 20th and 25th and the eruptions of September 25 through 28 occurred with remarkable regularity. For example, four consecutive eruptions on September 25 occurred on exact sixty minute intervals. Other eruptive patterns of Echinus were uncharacteristic of its recorded behavior. VETERAN GEYSER in the Back Basin was seen to erupt twice to 18 to 20 feet. No previous record of eruptions exceeding one foot can be found.

Dr. L. W. Hughes, Jr., Director of the Geological Survey, presentation of the Crevalor's last National Historic Landmark application. Mr. Adams, of Idaho Falls, was given assistance by the Park Service in preparing data for a study on expansion problems.

Two oil paintings -- one of J. W. Morris and one of his wife -- property of Walter Morris, Pioneer, Ohio were borrowed for photographing during in color and black and white.

Mr. E. H. Meadows of Phoenix, Arizona, a grandson of Mary E. Meadows of the 1870 expedition, was interviewed by park historian Hulme on September 11. He will donate the medical kit and glass carried through the Park by his grandfather, as well as some personal papers.

A roadline of historic sites in the Park was prepared.

Research and Observation. The one scarlet as the base of MINUTA as well as that between Minerva and SCARLET continued.
BABY SPRING was very active and colorful all month.
CARBON DIOXIDE is almost dry.
THE CHALICE is more active and there is a concentration on the east edge in the area of the recently killed [illegible].

The PATRIOT GEYSER erupted at intervals averaging 88.4 minutes during the month, thus extending the trend to longer intervals during the summer.

THERMAL CHANGES AT MINUTA. A change was first noticed at Morris on the morning of September 13. Daily observations through September 20 and on September 30 indicated that the changes were widespread in the association Yellowstone Park north of the road to the area south of the Grand Canyon to the Park Bank. The change was manifested in most cases by increased turbulence and quickness in some springs and in a few geysers. Some boiling point in water level and some loss. Temperatures, in most instances, remained as they were earlier in the summer while a few showed a marked increase or decrease.

Several examples from the Yellowstone Park and several from the Park Bank may illustrate the change. CHALCEDONY POOL and MORNING GLORY POOL are two well-known features in the Yellowstone Park. Were observed on September 20 (and on previous days) to be boiling the water, initially that was boiling to about five feet. The water was clearly blue in color. Yellowstone Park was a pale pool of gray water. On the morning of September 13, initially that pool still and dropped about eight inches. The boiling then resumed and the water was a murky gray color. Yellowstone Park had risen about one foot. Throughout the following three days, initially that pool and lost to a maximum drop of twenty inches) while Yellowstone Park remained low. In the Park Basin, the water of BLACK SPRING changed from a clearly green to a milky blue color between the 20th and 24th and the evaporation of September 25 through 28 occurred with remarkable regularity. For example, four consecutive eruptions on September 25 occurred at exact eight minute intervals. Other eruptive patterns of Lehman were unchanged(within of its recorded behavior. VERMILY GEYSER in the Park Basin was seen to erupt twice to 12 to 20 feet. No previous record of eruptions exceeding one foot can be found.

It is unknown if these changes had any effect on Steamboat Geyser particularly since no one was on duty at Norris on September 29 when Steamboat erupted at 7:50 p.m.

STEAMBOAT GEYSER. There were four major eruptions of Steamboat Geyser during the month, September 5, 13, 20 and 29.

Concessioners. Superintendent McLaughlin and his staff attended the National Park Service-Concessioners monthly meeting September 4 in West Yellowstone hosted by Hamilton Stores, Inc.

Hamilton Stores, Inc. hosted a concessioner Personnel Officer meeting in West Yellowstone, September 28 and 29. Representatives of all public-contact concessioners in Yellowstone National Park attended. Personnel Officer, Richard C. Miller, participated in all sessions. Superintendent John S. McLaughlin attended the training and working-conditions portions of the meetings.

Sub-District Rangers made informal inspections of concessions facilities at the time each facility closed for the season.

The following facilities were closed during the month.

Hamilton Stores, Inc.

	September
Canyon Village Gift Shop	6
Old Faithful Basin Auto Camp Store #2	7
Mammoth Coffee Shop	7
Fishing Bridge Store	7
Old Faithful Lodge Curio Shop	7
West Thumb Store	9
Canyon Village General Store	13

Haynes, Inc.

	September
Old Faithful Lodge Shop	3
Canyon Village Lodge Shop	4
Lake Hotel Shop	4
Fishing Bridge Shop	8
West Thumb Shop	9
Tower Fall Shop-Store	15
Canyon Shop	15
Old Faithful Shop	29
Mammoth Shop	30

Yellowstone Park Company

Fishing Bridge Cabins and Cafeteria	September 7, after breakfast
Lake Hotel, Cottages, Dining Room	7, " "
Mammoth Hotel	7, " "
Mammoth Hotel Coffee Shop	7, " "
Old Faithful Lodge Cabins (heated)	7, " "
Old Faithful Lodge Dining Room	7, " "
West Thumb Cabins and Cafeteria	7, " "
Old Faithful Cafeteria	11, " "
Canyon Village (rooms and food)	12, " "
*Old Faithful Campers Cabins	14, " "
(*Available in limited numbers after September 14 to October 24)	
Lake Lodge Cafeteria	30, after breakfast
Lake Lodge Cabins	30, " "
Old Faithful Motor Hotel	30, " "

It is unknown if these changes had any effect on Lakewood employment particularly since we did not get a report of 'Notice to Employees' in the Stockholder Digest at 1:21 p.m.

STOCKHOLDER MEETING. There were four more minor proceedings of Lakewood during the month, September 5, 12, 21 and 27.

Consolidations. Superintendent Cunningham and Mr. Wolf attended the National Rural Telephone-Microwave Service meeting between [illegible] Telephone Board by Reliance Electric, Inc.

Reliance Electric, Inc. During a conference Personnel Office Monday in West Yellowstone, September 21 and 22. Representatives of all Service contractors in Yellowstone Original Park attended. Personnel Officer, Richard G. Miller, participated in all meetings. Superintendent John S. Cunningham attended the meeting and monday-morning portion of the meeting.

Ski-shuttle Jeeps and Ranger Inspections at Lakewood facilities at the time each facility closes for the season.

The following facilities were closed during the month.

Facility Closed, Inc.	Date.	Facility Closed, Inc.	Date.
Canyon Village gift Shop	September 4	Old Faithful Lodge Shop	3
Old Faithful Snack Lake Lodge Cafe Store	7	Canyon Village Lodge Shop	4
Mammoth Gifts Shop	7	Lake Dock Shop	5
Fishing Bridge Gifts	7	Fishing Bridge Shop	6
Old Faithful Lodge Curio Shop	7	Lake Dock Shop	7
Mam. Snack Shop	7	Lake Snack Bar-Store	13
Canyon Village Medical Clinic	11	Canyon Gift Shop	14
		Old Faithful Shop	14
		Mammoth Shop	30

Yellowstone Park Company

Fishing Bridge Cabins and Cafeteria Restaurant	1,	Also Concessions	
Lake Hotel, Cottages, Dining Room	1,	"	"
Mammoth Hotel	1,	"	"
Mammoth Hotel Coffee Shop	1,	"	"
Old Faithful Lodge Cabins (Lower)	7,	"	"
Old Faithful Lodge Dining Room	7,	"	"
West Thumb Cabins and Cafeteria	7,	"	"
Old Faithful Cafeteria	11,	"	"
Canyon Village (Lower and Lodge)	14,	"	"
Old Faithful Inverse Cabin	14,		
(Availability in limited numbers after September 15 to October 14)			
Lake Lodge Cafeteria	30,	Also Barber Shop	
Lake Lodge Cabins	30,	"	"
Old Faithful Inn Hotel	30,	"	"

Yellowstone Park Company

Saddle Horses	September	7
Mammoth and Fishing Bridge Garages		7
Boat Service at West Thumb and Fishing Bridge discontinued		7

but boats were available at Bridge Bay marina through September 15.

Yellowstone Park Service Stations

Fishing Bridge #5	September	7
Old Faithful #2 (Upper Station)		7
West Thumb #3		12
Canyon #6		15

Yellowstone Park Medical Service

Closed the Lake Hospital September 8 to all incoming patients. Outgoing patients dismissed and hospital closed September 16.

NPS Closings:

Madison Junction Visitor Center	September	6
Norris Museum		14

POST OFFICE AWARD. Superintendent McLaughlin and Postmaster Tom Sawyer of Sheridan, Wyoming presented Postmaster Joseph D. Jurtz with the Postmaster General's "Citation for Excellence" on September 16, for outstanding maintenance and care of the postal facility in Yellowstone National Park. This Citation of Excellence goes only to those communities whose postal facilities have received superior rating in rigid inspections by regional postal officers. Mr. Kurtz, in turn, congratulated workers Erwin Coy and Bert Gentry for their excellent performance in maintaining the postal facility.

Complaints. The majority of complaints received by all stations concerned the lack of services or facilities.

Sanitation. Seven food service inspections of concessioner establishments were performed by the Sanitarian this month.

Health. Park Sanitarian Willett collected 64 water samples during the month for analysis in the Park laboratory. Twelve of these samples showed evidence of contamination. The majority of the contaminated samples are from systems that are being corrected to improve the quality of the water.

Ranger Activities. Ranger personnel kept a 24-hour watch on the cone of Old Faithful geyser until Labor Day to prevent any recurrent vandalism.

Winter cabin rationing has been in progress throughout the Park this month.

Yellowstone Park Campgrounds

Saddle Horses	September	7
Mammoth and Fishing Bridge Garages		7
Boat Service at West Thumb and Fishing Bridge discontinued		7

Hot meats were available at Bridge Bay marina through September 11.

Yellowstone Park Service Stations

Fishing Bridge #3	September	7
Old Faithful #2 (Upper Station)		7
West Thumb #3		12
Canyon #6		15

Yellowstone Park Medical Service

Closed the Lake Hospital September 8 to all incoming patients. Incoming patients dismissed and hospital closed September 11.

NPS Closings:

Madison Junction Visitor Center	September	6
Morris Museum		14

POST OFFICE PARK. Superintendent Malaughlin and Postmaster Ion Thayer of Sheridan, Wyoming presented Postmaster Joseph B. Jutti with the Postmaster General's "Citation for Excellence" on September 11, for outstanding maintenance and care of the postal facility in Yellowstone National Park. This Citation of Excellence goes only to those communities whose postal facilities have received superior rating in rigid inspections by regional postal officers. Mr. Kurtz, in turn, congratulated Messrs. Irwin Coy and Mary Gentry for their excellent performance in maintaining the postal facility.

Complaints. The majority of complaints received by all stations concerned the lack of services or facilities.

Sanitation. Seven food service inspections of concessional establishments were performed by the Sanitarian this month.

Health. Park Sanitarian Pollitt collected 40 water samples during the month for analysis in the Park laboratory. Twelve of these samples showed evidence of contamination. The majority of the contaminated samples are from systems that are being corrected to improve the quality of the water.

Ranger Activities. Ranger personnel kept a 24-hour watch on the crew of Old Faithful geyser until Labor Day to prevent any recurrent vandalism.

Winter cabin rationing has been in progress throughout the Park this month.

Safety. There were eight on the job injuries reported this month, involving six employees from the Division of Engineering and Maintenance and two from the Division of Ranger Services. Reported injuries to date 61, as compared to 63 at the same time last year.

Accidents and Public Safety. A single vehicle accident occurred September 13 resulting in a back injury to the driver, Richard H. Booth of 1804 Hanburg Avenue, Anaconda, Montana, and death to the passenger, Stanley H. Peterson of Anaconda. Their pickup truck was a total loss. Accident occurred near Lamar Ranger Station.

On September 4, a 14-foot boat containing two men capsized 300 yards offshore near Sand Bay in Yellowstone Lake. Two Utah men, ages 58 and 68, were sighted and rescued after spending over 30 minutes in the water. Although both men were wearing life preservers the timely rescue prevented possible drownings from exhaustion.

On September 8, a boat with four persons aboard sank about 150 feet from shore on Lewis Lake. All persons made shore safely.

During the month 28 motor vehicle accidents were reported, compared to 23 for the same period in 1963. Personal injuries were incurred in six and three deaths occurred in two separate accidents.

Four boys, Yellowstone Park Company employees, were rescued from the Canyon wall at Uncle Tom's Trail, September 14 at 7:45 p.m. All four were charged and convicted in the U. S. Commissioner's Court for climbing in an unauthorized area.

Ranger personnel aided in finding six lost children and parents in the Old Faithful area during the month.

Roads and Trails

The Park Engineer attended the final inspection on the 8.75 mile Montana section of the Beartooth Highway (FH 59-2(1), FL 59(1), and FL 59(2) on September 10. The work was considered as satisfactory by the Montana Highway Department (the agency responsible for maintenance of the newly constructed section) except for installation on a number of guardrail sections. These sections are to be corrected on the next construction project for this road. A letter of acceptance was submitted to the Bureau of Public Roads and the road section officially becomes the responsibility of the State of Montana.

Because of a complex situation involving the lower 6.3 miles of Park maintained road along with need for close coordination of operation of the entire road during possible blizzard conditions, a special operational agreement was worked out with the Montana Highway Department. This generally leaves the National Park Service with the responsibility

Safety. There were eight on the job injuries reported this month, involving six employees from the Division of Engineering and Maintenance and two from the Division of Ranger Services. Reported injuries to date 61, as compared to 63 at the same time last year.

Accidents and Public Safety. A single vehicle accident occurred September 12 resulting in a back injury to the driver, Richard H. Moore of 1504 Mercury avenue, Anaconda, Montana, and death to the passenger, Stanley H. Peterson of Anaconda. Their pickup truck was a total loss. Accident occurred near Lamar Ranger Station.

On September 4, a 14-foot boat containing two men capsized 300 yards off-shore near Sand Bay in Yellowstone Lake. Two Utah men, ages 30 and 35, were sighted and rescued after spending over 30 minutes in the water. Although both men were wearing life preservers the timely rescue prevented possible drowning from exhaustion.

On September 6, a boat with four persons aboard sank about 150 feet from shore on Lewis Lake. All persons made shore safely.

During the month 26 motor vehicle accidents were reported, compared to 11 for the same period in 1963. Personal injuries were incurred in six and three deaths occurred in two separate accidents.

Four boys, Yellowstone Park Company employees, were rescued from the Canyon wall at Uncle Tom's Trail, September 1[illegible] at 7:[illegible] p.m. All four were charged and convicted in the U. S. Commissioner's Court for clinking in an unauthorized area.

Ranger personnel aided in finding six lost children and parents in the Old Faithful area during the month.

Roads and Trails

The Park Engineer attended the final inspection on the 0.15 mile Montana section of the Beartooth Highway (FB 30-4(1), FS 35(1), and FS 37(2)) on September 10. The work was considered as satisfactory by the Montana Highway Department (the agency responsible for maintenance of the newly constructed section) except for installation on a number of guardrail sections. These sections are to be corrected on the next construction project for this road. A letter of acceptance was submitted to the Bureau of Public Roads and the road section officially becomes the responsibility of the State of Montana.

Because of a complex situation involving the lower 6.5 miles of lost maintained road along with need for close coordination of operation of the entire road during possible blizzard conditions, a special operational agreement was worked out with the Montana Highway Department. This generally leaves the National Park Service with the responsibility

for routine snow plowing for the entire road through October 15, 1964, and also we will be required to open the road in the spring. In turn, the state maintains the lower Park Service section for the rest of this year and for the entire 1965 season. This agreement runs through the 1965 season only, and simplifies coordination of operation and is considered to be of advantage to both parties.

The Park Engineer attended the final PS&E for the next easterly 6.3 miles of the Beartooth Highway on September 10. The plans as proposed by the Bureau of Public Roads were reduced in scope because of apparent lack of funds. Further check of programmed funds disclosed that there are additional Forest Highway Funds available for this project, so the Bureau of Public Roads is reworking the plans to finish the complete 6.3 miles on the east end of this approach road. It now appears that this project may not get underway until next spring.

Crews completed resurfacing a 3.0 mile section on the Beartooth Highway during the month, with the use of the paving machine. This machine greatly expedited the work and produced an excellent finished section, even though inclement weather conditions prevailed which would have halted operations with the old method of paving with road graders.

Work continued on the suspension trail bridge at Grant Village with installation of abutments and anchors, and an additional 0.2 miles of area trails have been based.

All roads at the Lamar Research Center were completed with grading and placing of base materials and bumper logs, and the area landscaped and cleaned. All ditch lines and the trailer court yards were covered with four to six inches of top soil and seeded to native grass.

Campgrounds. The west section of Fishing Bridge and the old section of Fishing Bridge Campground were closed September 1.

BRC. The Blister Rust Control program closed for the year on September 10. All BRC buildings at Canyon were winterized, equipment inventoried and stored. An analysis of the 1964 work season was prepared.

Forest Fire Protection. Smokejumpers were used on two fires on United States Forest Service lands in September. On the 10th, three men jumped a fire in Teton National Forest; five men were used on a fire in Gallatin National Forest on the 17th.

Fire danger observations were continued parkwide through September 25, and the Mammoth Fire Station reported through the entire month with a Park average burning index of 40 each day.

Five fires involving over seven acres occurred between September 25 and 30 as follows: Three class A and one Class B fires caused by trees falling over power lines, and one Class B fire started by a smoker.

for routine snow plowing for the entire road through October 15, 1964, and also we will be required to open the road in the spring. In turn, the state maintains the lower Park Service section for the rest of this year and for the entire 1965 season. This agreement runs through the 1965 season only, and simplifies coordination of operation and is considered to be of advantage to both parties.

The Park Engineer attended the final PSCE for the next easterly 4.3 miles of the Beartooth Highway on September 10. The plans as proposed by the Bureau of Public Roads were reduced in scope because of apparent lack of funds. Further check of programmed funds discloses that there are additional Forest Highway Funds available for this project, so the Bureau of Public Roads is reworking the plans to finish the complete 6.3 miles on the east end of this approach road. It now appears that this project may not get underway until next spring.

Crews completed resurfacing a 3.0 mile section on the Beartooth Highway during the month, with the use of the paving machine. This machine greatly expedited the work and produced an excellent finished section, even though inclement weather conditions prevailed which would have halted operations with the old method of paving with road graders.

Work continued on the suspension trail bridge at Grant Village with installation of abutments and anchors, and an additional 0.2 miles of area trails have been based.

All roads at the Lamar Research Center were completed with grading and placing of base materials and bumper logs, and the area landscaped and cleaned. All ditch lines and the trailer court yards were covered with four to six inches of top soil and seeded to native grass.

Campgrounds. The west section of Fishing Bridge and the old section of Fishing Bridge Campground were closed September 1.

RKC. The Blister Rust Control program closed for the year on September 10. All RKC buildings at Canyon were winterized, equipment inventoried and stored. An analysis of the 1964 work season was prepared.

Forest Fire Protection. Smokejumpers were used on two fires on United States Forest Service lands in September. On the 10th, three men jumped a fire in Teton National Forest; five men were used on a fire in Gallatin National Forest on the 17th.

Fire danger observations were continued yearwide through September 25, and the Mammoth Fire Station reported through the entire month with a Park average burning index of 40 each day.

Five fires involving over seven acres occurred between September 25 and 30 as follows: Three class A and one Class B fires caused by trees falling over power lines, and one Class B fire started by a smoker.

Heavy winds on September 25 caused considerable damage and a fire in the Bridge Bay campground from a power line. Hardest hit by this storm was the new Commercial Trailer Park at Fishing Bridge. Literally hundreds of blown over and broken trees clogged the entire area and its surroundings. All above ground electrical facilities were demolished. The WODC Project Supervisor has programmed additional tree removal and safety clearing for this facility.

At the end of the month one lookout, Mt. Washburn, was still in operation and one Fire Control Aid on duty in the Fire Cache at Mammoth.

Insects and Tree Diseases. Forester Myers and Mr. George Thoreson, Montana Power Company, inspected and marked for removal danger trees along the power lines. Numerous trees were found infected, and many dying as a result of power line fires this season.

Buildings and Utilities. All the work is complete on the Tower Junction trailer court project with the installation of electrical service and connections and water and sewer connections, with the exception of some fixtures and appliances in the wash house.

Work was begun on the installation of water and sewer lines for the wash house at Old Faithful and on the trailer court at West Entrance. This consisted of installation of a 1,000 gallon septic tank with leach lines and trailer hooks, installation of electrical service and outlets.

The contract awarded to Hathaway for the block work on the pathological incinerator at the Lake hospital has been completed, and electrical service was installed by the National Park Service crews.

A building site was selected on Bunsen Peak for the building to house the new radio equipment.

Soil Conservation. Mr. Robert T. Beaumont, Water Supply Forecasting Branch, Portland, Oregon, made the basic installation of the snow pillow and recorded to be used this winter to measure snow moisture content at Old Faithful.

Wildlife

Bear Statistics:	Date	District	No. of Bears 1964	No. of Bears 1963	No.of Bears 1962
	9/7	North	8	22	3(T.Fall only)
		South	1	1	0
		West	5	20	0
			14	43	3

Heavy winds on September 25 caused considerable damage and a fire in the Bridge Bay campground from a power line. Hardest hit by this storm was the new Commercial Trailer Park at Fishing Bridge. Literally hundreds of blown over and broken trees clogged the entire area and its surroundings. All above ground electrical facilities were demolished. The WODC Project Supervisor has programmed additional tree removal and safety clearing for this facility.

At the end of the month one lookout, Mt. Washburn, was still in operation and one Fire Control Aid on duty in the Fire Cache at Mammoth.

Insects and Tree Diseases. Forester Myers and Mr. George Thoreson, Montana Power Company, inspected and marked for removal dangerous trees along the power lines. Numerous trees were found infected, and many dying as a result of power line fires this season.

Buildings and Utilities. All the work is complete on the Tower Junction trailer court project with the installation of electrical service and connections and water and sewer connections, with the exception of some fixtures and appliances in the wash house.

Work was begun on the installation of water and sewer lines for the wash house at Old Faithful and on the trailer court at West Entrance. This consisted of installation of a 1,000 gallon septic tank with lesson lines and trailer hooks, installation of electrical service and outlets.

The contract awarded to Hathaway for the block work on the pathological incinerator at the Lake hospital has been completed, and electrical service was installed by the National Park Service crews.

A building site was selected on Bunsen Peak for the building to house the new radio equipment.

Soil Conservation. Mr. Robert T. Beaumont, Water Supply Forecasting Branch, Portland, Oregon, made the basic installation of the snow pillow and recorded to be used this winter to measure snow moisture content at Old Faithful.

Wildlife

Bear Statistics: Date	District	No. of Bears 1964	No. of Bears 1965	No. of Bears 1962
9/7	North	8	22	3(T.Fall only)
	South	1	1	0
	West	5	20	0
		14	63	3

Bear Statistics:	Date	District	No. of Bears 1964	No. of Bears 1963	No. of Bears 1962
	9/14	North	6	20	-
		South	5	7	-
		West	4	11	-
		Total	15	38	-
	9/21	North	4	7	(no report)
		South	3	2	1
		West	3	11	8
		Total	10	20	9
	9/28	North	4	9	-
		South	4	4	-
		West	2	3	-
		Total	10	16	-

Bear Incidents:	Through September 1964	Through September 1963	Through September 1962
Injuries	30	35	42
Damages	216	254	111
Killer for control	11	13	30
Killed by accident	7	14	8
Shipped to zoos	2	7	-

Beaver Four beaver with a bank house were seen about a mile above Blacktail Bridge.

Bison Dr. O. J. Halverson, veterinarian in charge, State of Montana, Dr. Paul Holcomb and Dr. William Thomas, of the Animal Disease Eradication Division, Department of Agriculture, were in the Park September 8 to discuss bison brucellosis control plans for Yellowstone this winter. They appeared satisfied with our proposal for installation of brucellosis control, and plan to have a two-man veterinarian team here to take blood samples, make tests, vaccinate and mark animals.

Elk The first elk biological collection was taken by North District personnel on September 9. This year collections will be fewer. More animals will be taken at each time. The end result will be as in the past; regarding numbers, an average of about five elk each week.

Elk have been heard bugling throughout the Park during the month.

On the 17th, Biologist Howe discussed wildlife management and range criteria with Captains John R. Gray and James B. Pannebaker, Aberdeen Proving Ground, Maryland. They were interested in transplanting elk to that area where they already have an over-

Bear Statistics: Date	District	No. of Bears 1958	No. of Bears 1959	No. of Bears 1960
9/14	North	6	28	-
	South	5	7	-
	West	4	11	-
	Total	15	38	-
9/21	North	4	7	(no report)
	South	3	1	1
	West	3	11	5
	Total	10	20	9
9/28	North	4	9	-
	South	4	4	-
	West	2	3	-
	Total	10	16	-

Bear Incidents:	Through September 1958	Through September 1959	Through September 1960
Injuries	30	35	45
Damages	215	234	111
Killer for control	11	13	32
Killed by accident	7	10	5
Shipped to zoos	2	7	-

Beaver Four beaver with a bank house were seen about a mile above Blacktail Bridge.

Bison Dr. O. J. Halverson, veterinarian in charge, State of Montana, Dr. Paul Polcomb and Dr. Willis Thomas, of the Animal Disease Eradication Division, Department of Agriculture, were in the Park September 8 to discuss Bison brucellosis control plans for Yellowstone this winter. They appeared satisfied with our proposal for installation of brucellosis control, and plan to have a two-man veterinarian team here to take blood samples, make tests, vaccinate and mark animals.

Elk The first elk biological collection was taken by North District personnel on September 9. This year collections will be fewer. More animals will be taken at each time. The end result will be as in the past; regarding numbers, an average of about five elk each week.

Elk have been heard bugling throughout the Park during the month.

On the 17th, Biologist Howe discussed wildlife management and range criteria with Captains John E. Gray and James E. Fanshaker, Aberdeen Proving Ground, Maryland. Gray were interested in transplanting elk to that area where they already have an over-

population of white-tail deer. The Army has 45,000 acres for wildlife management, and $45,000 to do the job with this year. They were very interested in our problems and advice and spent part of the next day with Biologist Barmore to look over additional range studies.

Geese. Large groups of geese were noted along the Yellowstone River in Hayden Valley in late September.

Moose. Increasing numbers of moose have been observed along the Gallatin road during the month.

Mountain Lion A visitor reported seeing a Mountain Lion on the north end of the beaver dams at Obsidian Cliff on September 1.

On September 3, a visitor reported he had seen a Mountain Lion near Ice Lake on the Norris-Canyon road and that he was able to photograph it. He stated he would send pictures. (Mr. Craig Thompson, R.D.#2, Box 50, Willsburg, New York).

Owl In mid-September, a great grey owl was frequently seen, even in the daylight, in the Canyon area. A great grey owl was seen at the North Entrance during the month. Others were seen at Lower and Upper Blacktail.

Sandhill Crane A Sandhill crane was seen at the Lamar Picnic area on September 16. One was observed feeding along Swan Lake.

Swan The annual aerial census of the Park Trumpeter swan population was taken September 15 by Biologist Robert E. Howe in cooperation with Bureau of Sport Fisheries and Wildlife personnel. They observed 61 adult swans and eight cygnets in Yellowstone National Park and vicinity. From two to six Trumpeter swan were observed all month along the Yellowstone River in Hayden Valley. The six Trumpeter swans (including four cygnets) remained on Swan Lake through the end of the month.

Fish On September 10, Biologist Howe participated in the preliminary lake data survey of North and South Twin Lakes. This work is being carried on under the direction of Mr. Philip Sharpe, Bureau of Sport Fisheries, and is part of an extensive long-term fisheries resource study of Park waters.

FISHING Change The long proposed fishing regulation to close the Yellowstone River between Alum Creek and Sulphur Cauldron was published in the Federal Register, September 10. The change will become effective 30 days after publication, on October 10.

Public Affairs

Publicity. On each Thursday the Yellowstone Weekly News was issued to keep employees, concessioners, and others currently informed of Park happenings.

One press release was issued on September 16 stating facilities and services available for Park visitors.

Religious and Chapel Use. Roman Catholic services and Latter-Day Saints services in the Park were terminated September 6.

Seventh Day Adventists services were terminated September 5.

Protestant services were terminated at all locations except Mammoth on September 6. Protestant services at Mammoth were held throughout the month.

There was a wedding in the Chapel September 12. The Reverend John A. Lee and Miss Mary Ann Miller.

Public Relations. Assistant Superintendent J. A. Martinek presented an illustrated talk to the Powell Chamber of Commerce at their noon meeting on September 8. Interest and response of the group of approximately 45 was very good.

Superintendent McLaughlin attended the Idaho Motel Association meeting in Pocatello, Idaho on September 26.

Contracts

Nelson Brothers Salt Lake City, Utah	$49,964.00	Top soiling, planting, selective thinning and seeding, Fishing Bridge Trailer Village; and ground improvement at Grant Village
Keith Ormand Idaho Falls, Idaho	$41,749.00	Construction of Grant Village Amphitheatre
Teslow, Inc. Bozeman, Montana	$ 3,900.00	150 tons of hay
Cowboy Lumber Company Casper, Wyoming	$ 2,979.50	150 guardrails

Public Notices

Facilities. In such instances the [illegible] Public may use [illegible] or some equipment, memorabilia, and [illegible] [illegible] [illegible]

Yellowstone National Park

Design and Construction Narrative

September 1964

Plans, Maps and Surveys: The following drawings were reviewed or approved as indicated:

Concessioner Working Drawing NP-YEL-8911-A, Laundromat and Shower Building, Old Faithful.
Recommended by Superintendent 9/11. Approved by Regional Director subject to comments 9/29.

Concessioner Working Drawing NP-YEL-8912, Ice Plant and Storage, Lake Hotel.
Approved by Acting Regional Director as preliminary only.

Concessioner Working Drawing NP-YEL-8912-A.
Recommended by Superintendent 9/24.

Concessioner Working Drawing NP-YEL-8913, LP Gas Cabin Heating, Canyon Village Cabin Areas.
Approved by Acting Regional Director 9/2.

Concessioner Working Drawing NP-YEL-8550, Employee Residence, Hamilton Stores, Inc., West Yellowstone.
Approved by Regional Director subject to comment.

PS&E, East Entrance Road (revised).
Recommended by Superintendent, WODC, and Acting Regional Director without comment.

Working Drawing NP-GT-3508, Parking Areas, North Approach Road, Grand Teton to Yellowstone.
Recommended by Superintendent. Approved by Acting Regional Director 9/17.

Working Drawing NP-YEL-6114-A, Subsurface Drains, Hospital Facilities, Lake
Recommended by Superintendent subject to comment.

Working Drawing NP-YEL-6115-A, Repairs, 4-unit Apartment, Lake.
Recommended by Superintendent subject to comment.

Concessioner Working Drawing NP-YEL-8288, Mountain States Tel. & Tel., Lake, Rural Line #1, Sylvan Pass.
Reviewed and held pending consideration of burying line.

Working Drawing NP-YEL-6119, Water Line, Lake to Bridge Bay.
Recommended by Acting Superintendent.

Concessioner Working Drawing NP-YEL-8897-A, Community Building, Canyon.
Recommended by Acting Superintendent 9/25

Bids Opened:

9/22: Amphitheater, Grant Village

Contracts Awarded:

8/28/64 - No. 14-10-0243-598, to Paul R. Lee, Bozeman, Montana, for construction of Boat Docks and Related Facilities, Grant Village; $258,676.00.

9/1/64 - No. 14-10-0243-599, to Nelson Bros. Construction Company, Salt Lake City, for topsoiling, planting, selective thinning and seeding, Fishing Bridge Trailer Village; and Grounds Improvement, Grant Village; $49,964.00. West Thumb portion (obliterate campground and site restoration) not awarded, per decision of the Director.

9/30/64 - No. 14-10-0243-605, to Keith Ormond, Idaho Falls, Idaho, for construction of Amphitheater at Grant Village (Items 1 thru 6 of base bid, plus Alternate B); $41,749.00.

Notice to Proceed, effective

9/14/64: Nelson, Fishing Bridge and Grant Village.

Final Inspection:

8/28 - Project 8 (Por.), Grading, Base, and Bituminous Surfacing, Northeast Entrance Road, contract NPS-WASO-YELL-V-63/12, Long Construction Company. Accepted subject to completion of punchlist 8/31. Long relieved of maintenance after 8/28.

9/10 - Beartooth Highway - BPR Project FH 59-2(1), FL 59(1) and FL 59(2). Letter of NPS acceptance for this road section submitted to Division Engineer in Helena, Montana. Also accepted by State of Montana.

Plans-in-hand inspection:

9/10/64 - BPR Project FH 59(2)2 and FL 59(3), Beartooth Highway - Revised. May advertise this Fall. $1,350,000 available.

Resume Work Orders effective

9/2/64 - Hathaway, contract No. 14-10-0243-589, Laundry-Showers-Office-Quarters Building, Fishing Bridge Trailer Village (stop order 8/18)

Preconstruction Conference:

9/24/64: Keith Ormond, Idaho Falls, re Grant Village Amphitheater.

JCPP's were submitted to Region, with other requested Job Corps information.

During Associate Superintendent Castellum's absence from the Park, Assistant Superintendent Martinek has been designated Acting Associate Superintendent and Park Engineer Rowe has been designated Acting Assistant Superintendent (including duties and responsibilities of Programs Officer.)

BIG HOLE NATIONAL BATTLEFIELD

DESIGN AND CONSTRUCTION NARRATIVE

September 1964

Declaration of taking expected to be filed in Butte the week of October 5, 1964.

Roads and utility projects expected to be advertised for bid soom.

John S. McLaughlin
Superintendent

In triplicate

cc
Regional Director, Midwest
Library
Management Assistant
HTracy:ht

Excavation for building to house seismographic equipment at Mammoth, located east of the new school building

NPS Photo

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1960	B-58-YEL (331.46) Hospital, Dormitory & Physicians' Duplex, Lake	B-356 B-357 B-370	3819A 3742A 3743A 2695 1/64 6013 9/63	442885.26	C DL	8/1961 10/1964	99	D&C Contract No. 14-10-0243-429 Julien construction Co., Cody, Wyo. $363,847. 100% P Equipment $12,787.26. Fuel oil & gas $1,246.63. Furniture & equipment $9,750. Hospital furniture & equipment $20,866.14. Office furniture & equipt. $20,866.14. Ofc. furniture $676.50. P.O. Big Horn Electric $300. Pathological incinerator $4,350. D&C Landscaping $2,500.00. 100%
1963	B-94-YEL - Clinic Bldg. incl. Equipment & Heated Ambulance Storage, Mammoth	B-373	3837A	88325.95	C DL	4/1963 10/1964	98	D&C Contract 14-10-0243-488, Floyd Hathaway, Chester, Ida. $77,232. 100% D&C & P Dental equipment $4,036.65. Clinic equipment & furniture $6,175. P Fuel $270
1964	B-107-YEL - Rehab. Structures Transferred from Bureau of Sport Fisheries & Wildlife at Lake A. Fish Traps B. Rehab. Bunkhouse C. Remodel Office, Bldg. 725 D. Acquisition & Placing Two Transahomes E. Rehab. Garage F. Rehab. Residences	B-395-1	2685 3919 2142	45656.86	DL	8/1963 6/1965	68	P $15,901.86 100% 7,318.92 100% 5,289.01 100% 4,258.43 65% 3,600 9,288.64

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	B-1~~09~~-YEL - Comfort Stations (8) with utility connections, Canyon	B-350-1	3949	73202.05	C	10/1963 10/1964	87	D&C Contract 14-10-0243-540, Floyd Hathaway, Chester, Ida. $186,423. This por. $69,907.05. Change order No. 6, $120.00
					DL			P P.O. Mont. Power $1,500.00
1964	B-111-YEL - Comfort Stations (4) Fishing Bridge Trailer Village	B-399	6005	35267.60	C	10/1963 11/1964	60	D&C Contract 14-10-0243-540, Floyd Hathaway, Chester, Ida. $186,423. This por. $35,267.60.
1964	B-115-YEL - Employee Housing, 8-unit Apartment, Grant Village	B-199-3	6011A 8/63	63877.69	C	6/1964 11/1964	83	D&C Contract 14-10-0243-548, Elliott Construction, Riverton, Wyoming. $79,800. This por. $62,940. Chg Order No. 2 - $600; No. 3 - $26.5
					DL			P P. O. Mont. Power $173.19
1964	B-116-YEL - Wash House, Employee Trailer Court, Grant Village	B-318-2	6006 7/63	16987.00	C	6/1964 11/1964	82	D&C Contract 14-10-0243-548, Elliott Construction, Riverton, Wyoming. $79,800. This por. $16,987.00
1964	B-120-YEL - Concessioner Facilities (incl. Concessioner Sales Bldg., Boat Repair & Rental Bldg., 1½T Hoist, Clock House & Floating Fuel Dock), Bridge Bay	B-450-1	6104 6049 6105 6/64	96,165.00	C	5/1964 6/1965	62	D&C Floating Fuel Dock, Contr. 14-10-0243-593, Western Service Contractors, Powell, Wyo. $67,030.80. This por. $15,190. 80% Concessioner Sales Bldg. - Contr. 14-10-0243-587, Martel & Lee, Bozeman, Mont. $79,985. 48%
					DL			P P.O. Hathaway, Clock House $990. 100%

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	B-122-YEL - Employee Residences (5) 3-bedroom, Mammoth	B-430	6043 4/64	89,505.00	C	7/1964 1/1965	20	D&C Contract 14-10-0243-588, Floyd Hathaway, Chester, Ida. $109,435. (This por. $89,200)
1965	B-123-YEL - Comfort Stations with Utility Connections, Grant Village Campground	B-419	6038 4/64	20,235.00	C	7/1964 1/1965	40	D&C Contract No. 14-10-0243-588, Floyd Hathaway, Chester, Ida. $109,435 (This por. $20,235)
1964	B-124-YEL - Laundry & Showers - Office & Strs. Bldg., Fishing Br.	B-400 B-398	6029 5/64	88,763.00	C	7/1964 1/1965	17	D&C Contract 14-10-0243-589, Floyd Hathaway, Chester, Ida. Stop Order 8/18, resume work order 9/2
1964	Visitor Center incl. Audio-visual & Exhibits, Grant Village	B-376-1	6012		C			D&C To be readvertised this Fall
1963	Terminal Bldg., Utilities, Landscaping, etc. W. Yellowstone Airport W. Yellowstone, Montana							Mont. Aeronautics Com. Contracts to Diteman (Bozeman, Mont.), Fullerton's Plumbing & Heating (Hamilton), Van Dyken Drilling (Bozeman) & Bozeman Electric
1965	Ranger Patrol Station, Marina Area Grant Village	B-414-1			C			D&C
1965	Utility and Storage Building, Grant Village	B-317			C			D&C
1965	Employee Apartments, 12 units Grant Village	B-405-1	6102 7/64		C			D&C
1965	Boat Patrol Station, Grant Village	B-418			C			D&C

☆ GPO : 1962 O - 645945

GPO 941102

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	Entrance Station, East Entrance	B-390			C			D&C
1962	B-48-YEL (332.50), Water & Sewer Dock Area, Bridge Bay	U-213 U-213-2	3810 6042 3/64	186992.79	C	6/1961 10/1964	99	D&C Contract 14-10-0243-420, Budd Plumbing & Heating, Bozeman, Mont. $52,977; sewage treatment, 100% Contract 14-10-0243-421, Studer Constr., Billings, Mont. water & sewer, $126,510. 100% Bridge Creek Well No. 1 - 14-10-0243-532, Paul Vollmer & Son, Aberdeen, Idaho, $2,098.95. 100%
					DL			D&C P.O. Budd - insulate standpipes etc. $250.70. P. O. Lee - fallout sewer $1,995 P Hose houses & equip. $1,996.50.100 Pump, line & controls $6900. 85%
1963	B-72-YEL (332.57) Water Reservoir No. 2, Lake	U-184-1	3844 4/62	217065.07	C	7/1962 10/1964	99	D&C Contract 14-10-0243-478, Borgan Constr. Co., Billings, Mont. $189,209.86. Change Order No. 9 $2,726.00
					DL			P Payments to Yellowstone Park Co. for line in place, $4,000.00.

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	B-104-YEL, Construct Utility Ext. & Distrib., Govt. Area, Employees Tr. Ct. & Marina, Grant Village	U-228-2	6003A 5/63	194964.85	C	8/1963 11/1964	96	D&C Hartwell Excavating, Ida.Falls Ida., contract 14-10-0243-534, $183,663.85. Change Order No. 2 $10,407.
1964	B-105-YEL, Water & Sewer Ext. & Connections, Fishing Bridge Trailer Village	U-233 U-234	3946 6109 6/63 5/64	204929.02	C	8/1963 1/1965	90	D&C Contract 14-10-0243-536, Cave Constr., Inc., Great Falls, Mont. $392,202.83. (This por.195,857.02 98% Lift station, W & S connections Contract 14-10-0243-593, Western Service Contractors$67,030.80 (This por. $9,072)
1964	B-106-YEL, Electrical Distribution & Service, Fishing Bridge Trailer Village	U-233	3946 6/63	38041.21	C	8/1963 10/1964	99	D&C Contract 14-10-0243-536, Cave Constr., Inc., Great Falls, Mont. $392,202.83. This por.$37221.21 Change Order 3 (por.) $820.
1964	B-113-YEL, Rehabilitation of Buildings & Utilities (Por.) A. Rehab. of Bunkhouse to Research Center Lab, Lamar Ranger Sta. B. Utilities C. Acquisition and placing four transehomes D. Grounds Improvement & Obliteration of Old Buildings	U-232	95B 2690B 8/63 3/64	74,666.00	DL	10/1963 10/1964	81	P $26,166.00 - 92% $35,000.00 - 65% $8,600.00 - 85% $4,900.00 -
1964	B-119-YEL, Utilities to Serve concessioner Laundry & Shower Bldg. Old Faithful	U-260		7,450.00	DL	9/1964 10/1964	25	P Program Adjustment

☆ GPO : 1962 O - 645945

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

[X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	B-125-YEL - Trailer Sanitary Dump Stations, Park General	U-246	6108 6/64	23048.80	C	8/1964 3/1965	70	D&C Contract 14-10-0243-593, Western Services Contractors, Powell, Wyo $67,030.80 (This por. $15,025.80) Change Order #2, $1,023.00
					DL			P Site preparation $7,000.00
1964	B-126-YEL - Water Valves & Meters Lake	U-247	6040 3/64	29952.54	C	8/1964 3/1965	80	D&C Contract 14-10-0243-593, Western Service Contractors, Powell, Wyo. $67,030.80 (This por $27,743). Change Order No. 1, $1,809.54
1964	Utilities to Serve Concessioner Laundry & Shower Bldg., Fishing Bridge Trailer Village							
1964	B-101-YEL, Tables, Fireplaces, Refuse Containers & Site Preparation, Canyon Campground	M-106	3385-D	27,200.00	DL	7/1963 10/1964	98	P
1964	B-103-YEL, Picnic Area Facilities (Tables, Refuse Containers & Misc.) Park General (Arnica Cr., Dunraven Pass - 2, & Crescent Hill)	M-146	3435	6,600.00	DL	7/1963 10/1964	98	P
1964	B-108-YEL, Marina Dredging & Bulkheading, Grant Village	M-149	3737A 6/63	538002.06	C	8/1963 11/1964	96	D&C Contract 14-10-0243-535, Cave Constr., Inc., Great Falls, Mont. $445,511.56.
1964	B-114-YEL - Grounds Improvement & Site Protection for School Res. Area & Med. Clinic, Mammoth	M-115-1	6030	23876.13	C	10/1963 10/1964	91	D&C Contract 14-10-0243-545, Gray Landscaping, Ida. Falls $4367.50 Grading & Topsoiling. 100%

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	B-114-YEL - Grounds Improvement & Site Protection for School, Res. Area & Medical Clinic, Mammoth (Cont.)				C			D&C Contract 14-10-0243-578, Vaughn Landscaping & Tree Service, Twin Falls, Ida. $16,330.25. Seeding & Planting. 100%
					DL			P Maintenance by Park crews $2,000
1965	B-121-YEL - Picnic Area Facilities Tables, Fireplaces, Refuse Containers, Misc., Park General	M-141	3435	10500.00	DL	7/1964 6/1965	15	P
1965	B-127-YEL - Boat Docks & Related Facilities, Grant Village	M-145	6111 6/64	258676.00	C	12/1964 6/1965	-	D&C Contract 14-10-0243-598, Paul Lee Bozeman, Montana, $258,676.00
1965	B-128-YEL - Topsoiling, Seeding & Planting, Fishing Bridge Trailer Village	M-147	6041A 3/64	26068.00	C	9/1964 11/1964	40	D&C Contract 14-10-0243-599, Nelson Bros. Constr., Inc., Salt Lake City, Utah. $49,964 (This por. $26,068).
1965	B-129-YEL - Grounds Improvement & Site Restoration (Por.) Grant Village	M-143	6044A 3/64	23896.00	C	9/1964 11/1964	20	D&C Contract 14-10-0243-599, Nelson Bros. Constr., Inc. Salt Lake $49,964 (this por. 23,896)
1965	B-130-YEL - Amphitheater, Grant Village, 750 capacity, incl. audio-visual	M-111-2	6037B 6/64		C	10/1964 7/1965	-	D&C Notice to Proceed 9/14/64 Bids opened 9/22/64. Low Bidder: Keith Ormond, Idaho Falls, Idaho $41,749.00
1965	Obliterate Campground & Site Restoration, West Thumb	M-128	6106 5/64		C			Not awarded
1965	Grounds Improvement & Site Protection, Mammoth	M-144						

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	West Yellowstone Airport - Runways Taxi Stripe, Aprons, Service Roads, W. Yellowstone, Montana	R-348			C	5/1963 10/1964		Handled by Mont. Aeronautics Com. Robt. V. Burggraf Co., Inc., Idaho Falls, Ida., $920,485.12
1964	R-65-YEL, Construct Roads, Picnic Areas, Dunraven Pass, Old Dunraven Road & Cascade Meadows, Park Gen.	R-353	2689 8/63	20,000.00	DL	8/1963 10/1964	98	P
1964	R-66-YEL, Construct Rds. & Parking Grade, Drain, Base, Bitum. Surface Curbs, Barriers & Signs, Fishing Bridge Trailer Village	R-352	6008 5/63	184310.02	C	8/1963 10/1964	98	D&C Contract 14-10-0243-536, Cave Constr., Inc., Great Falls, Mont. $392,202.83 (This por.159,124.60) Change Order No. 3 (por.) $6,328. Change Order No. 4, $9,795.42
1964	R-67-YEL, Reconstruct Roads and Parking, Lamar Ranger Station	R-355		8,000.00	DL	10/1963 9/1964	100	P
1964	R-68-YEL, Access Road, Parking Areas & Walks to Serve Concessioner Shower & Laundry Bldg., Old Faithful	R-418	2911	5,160.00	DL	5/1965 6/1965	-	P Program Adjustment
1964	Access Road, Parking Area & Walks to Serve Concessioner Shower & Laundry Bldg., Fishing Bridge Trailer Village							Program Adjustment
1965	R-69-YEL, Trails & Walks, Grant Village	R-357	2600 6/64	33,200.00	DL	7/1964 6/1965	70	P
1965	R-70-YEL, Roads, Picnic Areas (8 Areas), Park General	R-372	2601 6/64	54,400.00	DL	7/1964 6/1965	15	P

☆ GPO : 1962 O - 645845

GPO 941102

Area Yellowstone National Park

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO. 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	R-71-YEL, Reconstruct Trail Bridges at Grand & Castle Geysers, Park General	R-316-1	2683 2684 7/63	35,500.00	DL	7/1964 6/1965	45	P
1965	R-72-YEL, Roads and Drives, Employee Residences, Mammoth	R-360	2602 6/64	4,000.00	DL	7/1964 10/1964	80	P
1965	R-73-YEL, Parking Areas, Grand Loop, Park General	R-377	3696 6/64	15,400.00	DL	7/1964 9/1965	20	P
1965	R-74-YEL, Roads & Parking, Utility Area, Base, Surface, Curbs & Barriers, Grant Village	R-359-1	6100 6110 4/64	136,623.59	C	8/1964 1/1965	30	D&C Contract 14-10-0243-592, Cave Constr., Inc., Great Falls, Mont $246,266.04 (this por.136623.59) Noti
1965	R-75-YEL, Campground Roads (compl.) Dust Palliative & Barriers Pelican Creek	R-375	6103 4/64	32,710.04	C	8/1964 1/1965	85	D&C Contract 14-10-0243-592, Cave Constr., Inc., Great Falls, Mont $246,266.04 (this por.32710.04)
1965	R-76-YEL, Roads & Parking (compl.) Marina Area, Bridge Bay	R-384	6048 4/64	24,750.91	C	8/1964 1/1965	70	D&C Contract 14-10-0243-592, Cave Constr., Inc., Great Falls, Mont $246,266.04 (this por.24750.91)
1965	R-77-YEL, Rehab. Lodge Cabin Area Old Faithful	R-332	6046 4/64	30,652.20	C	8/1964 1/1965	65	D&C Contract 14-10-0243-592, Cave Constr., Inc. Great Falls, Mont. $246,266.04 (this por.30,652.20)
1965	R-78-YEL, Resurface Employee Tr. Court & Access Rd., Rte. 230, 2.9 miles, Old Faithful	R-323	6046 4/64	21,529.20	C	8/1964 1/1965	95	D&C Contract 14-10-0243-592, Cave Constr., Inc., Great Falls, Mont. $246,266.04 (this por.21529.20)
1965	Trails, Paths & Walks, Bridge Bay	R-361			DL			P Plans to be done by WODC
1965	Commercial Parking Area, Clearing & Grubbing, Fishing Bridge	R-376						

MONTHLY PROGRESS REPORT

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☒ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1961	R-39-YEL (521.13) Grand Loop, Rte. 1E, Arnica Creek - Bridge Bay Grade & Base Surface 9.1 mi.	R-55-3		886697.79	C	7/1961 10/1964	98	D&C Contract 14-10-0100-1242, Long Constr. Co., Billings, Mont. $779,110.88. 100%
					DL			P $5,000, striping & signing. 95%
1961	R-46-YEL (521.15) Norris to Canyon Grade & Base Surface 8.4 miles Route 12 (por.) & 2 Bridges	R-62-6		787243.31	C	10/1961 10/1964	96	D&C Contract 14-10-0100-1201, Taggart Constr. Co., Cody, Wyo. $734,674 100%
					DL			P Signing & striping $2,000. 90%
1963	R-53-YEL (521.17), Grand Loop, Relocate Road at Beryl Springs	R-343		161813.59	C	10/1962 9/1964	100	D&C COP Constr. Co., Billings, Mont. $163,935. NPS-WASO-YEL-V-62/36. 100%
			6045		DL			P U.S. Geologist $2,911.47 Striping & signing $500 Fencing $1,806.58
1963	R-56-YEL - Reconstruction, Northeast Entrance Road & Bridge Approaches, Yellowstone River Bridge thru Lamar Canyon (Proj. 8)	R-240-1		239722.00	C	7/1963 10/1964	83	D&C Contract NPS-WASO-YELL-V-63/12, Long Constr., Billings, Mont. $222,222.00. Final inspection 8/28
								Seeding & mulching $13,500.00
					DL			P Striping & signing $2,000.00
1963	Reconstruction, Red Lodge - Cooke City Road (Por.), Montana	R-344			C		100	BPR and State of Montana. Final inspection 9/10/64.
1965	Reconstruct Red Lodge - Cooke City Approach Road (por.), Montana	R-410			C			BPR and State of Montana

Area Yellowstone National Park

CHECK BELOW THE PROJECT USED:

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☒ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO. 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	Reconstruction, Route 5, East Entrance to Parking Area, 6 mi., Base, Bitum. Surface & Shoulders (incl. Relocation of East Entrance Station Road)	R-309-1			C			D&C To be readvertised this Fall.
1965	Norris Bypass & Parking Area & Relocate Norris Jct., 3.5 mi.; & Reconstruct Road from Norris Bypass to Gibbon R. Bridge, 2.5 mi., Route 18 & Route 12	R-310-1			C			D&C
1965	Reconstruct Road & Parking Areas, Chittenden Bridge to Artist Point, Route 160, 1.6 miles, Base and Bituminous Surface	R-341-1			C			D&C

☆ GPO : 1962 O - 645945

GPO 941102

MONTHLY PROGRESS REPORT

Big Hole National Battlefield

MONTHLY PROGRESS REPORT

Area: Big Hole National Battlefield

CHECK BELOW THE PROJECT USED:
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*): September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO. 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	Utility System (Por.), Water and Sewer (Drill Well, Install Pumps, Distribution Lines and Sewage System)	U-1-4			C			D&C Deferred pending acquisition of land

☆ GPO : 1962 O - 845945

MONTHLY PROGRESS REPORT

MONTHLY PROGRESS REPORT

Area ~~Big Hole National Battlefield~~

CHECK BELOW THE PROJECT USED:

☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO. 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	Access Road for Visitor Center, Utility Area and Residential Area (Por.), Clear, Grade & Drainage	E-1-4			C			D&C Deferred pending acquisition of land